

# Math 60 – Introductory Algebra, 1<sup>st</sup> Term Winter 2018

Southeast Campus  
Portland Community College  
P.O. Box 19000  
Portland, OR 97280-0990

**Math 60**  
**CRN 11287, 4 credits**  
M, W 9 – 11:20 am  
Tabor Hall 140

Instructor: **Cara Lee**  
Office: **Student Commons 214**  
Phone/Voicemail: **971-722-3773**  
Email: **cara.lee@pcc.edu**  
Notes Website: [www.caraleemath.com](http://www.caraleemath.com)

Student Office Hours:  
**Tuesdays, 11:30 – 12:30 pm** in the Tutoring Center  
**Wednesdays, 11:30 – 12:30 pm** in SCOM 214,  
and before and after class, during breaks and  
by appointment. Just ask or email☺

**Welcome!** I value differences and appreciate working with students of all races, ethnicities, ages, sexual orientations, gender identities and expressions, abilities, sizes, shapes and backgrounds. I enjoy connecting with people and I plan to learn as much from you as I hope you will learn from the experience of this class. PCC is a sanctuary college and you can read more at <https://www.pcc.edu/resources/undocumented-students/>.



### What is a Syllabus?

This syllabus is our contract for the course. It explains how your grade is determined and what to do in situations like absences, emergencies, weather events, etc. It is a resource guide for the class and campus. It also gives you a feel for my philosophy and the atmosphere of the course.

### Use the Syllabus as Your First Resource

Keep the syllabus in the front of your binder and use it as a resource. If you have a question about a due date, make-up policy or campus resource, look to the syllabus first to see if the information is there. If it is not there, or you are still not sure, please email me. The syllabus can also be found in D2L and on my notes website.

*Pure mathematics is,  
in its way, the poetry  
of logical ideas.*  
~Albert Einstein

### Teaching Philosophy

We are going to experiment and play with math. I believe in trying things to see what happens. Math is about numbers and patterns and creative thinking, not just the right answer. Your personal connection to math and experience of math is important and valid. There are times when math is rigid and there are times when math is creative. For some students, Math 60 is a review. For some students, it is an opportunity to heal past math experiences and build a new foundation in algebra. Please allow yourself to be frustrated, not know the answer, ask questions and wonder about larger patterns. Math is skill-based rather than information-based, so it takes practice, patience and persistence to succeed.

### Grading Philosophy

You are a person separate from your grade. A grade is just a measure of skills and the communication of those skills. I am looking for everything that you do right and assign partial to full credit. It is better to write something than nothing. There are times when formatting is part of the answer (like order of operations and solving equations) and I will give you feedback to help you be prepared for the next course.

**Aim High and Don't Stop!** Students who pass with a C have a much lower success rate in the next math course. Aim for an A or a B and don't take a break from math courses. Keep going until you are done!

## Course Description, Outcomes and Prerequisites

<https://www.pcc.edu/ccog/default.cfm?fa=ccog&subject=MTH&course=60>

## Required Materials

**Textbook.** *ORCCA: Open Resources for Community College Algebra, Volume 1 Edition Beta, Dated December 17, 2017*

Free online book: <http://spot.pcc.edu/math/orcca/orcca.html>

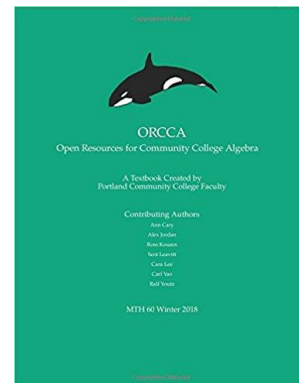
Hardcopy from Amazon: \$12 + shipping, see D2L or my website for link

**Free Webwork Online Homework System.** You can access this from D2L.

Computers and Internet access are available on campus 7 days a week.

Computer Lab Hours: <https://www.pcc.edu/computer-labs/southeast/>

**Calculator.** A scientific calculator with radical and exponent functions is needed. If you need to buy one, the TI-30XS MultiView is recommended. No phones may be used during quizzes or tests.



**3-Ring Binder with dividers, Lined Paper, Pencils, Big Erasers!!, Colored pencils or pens, Mini-stapler**

**Grading System.** Course grades will be based on the points shown below. <sup>1</sup>The lowest score will be dropped. \*You must score 68% or higher on the final exam to pass the course with a C or higher.

Course Components	Points
Success Assignments	30
Written Assignments and Quizzes <sup>1</sup>	70
WeBWork Online Homework	50
Class Activities	51
Midterm 1	100
Midterm 2	100
<u>Final Exam*</u>	<u>120*</u>
Total	521

## Course Grades

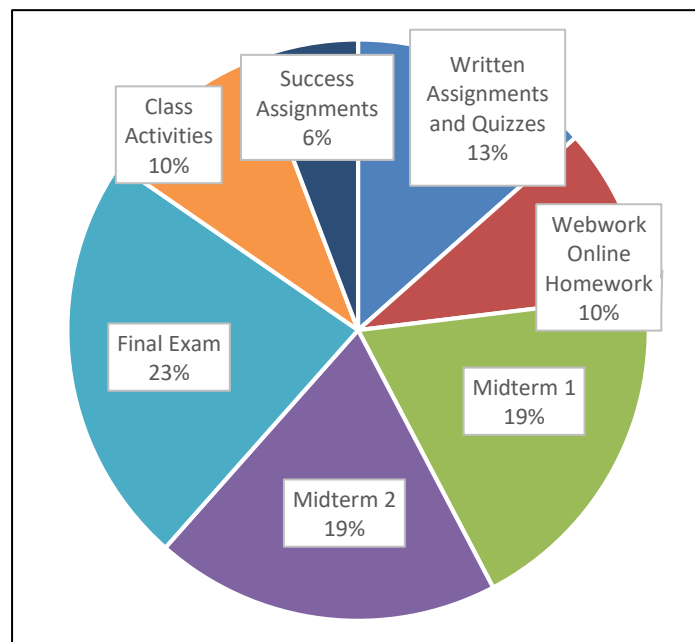
**A** 90-100% of the points and 68% or higher on the final

**B** 80-89% of the points and 68% or higher on the final

**C** 70-79% of the points and 68% or higher on the final

**D** Below 68% on the final or less than 70% of the points overall

**F** Did not take the final and did not withdraw



**Make-up policy.** Class attendance and engagement is very important for your success. Communication is the most important thing if you are sick or have an emergency. You need to complete all work to be successful in the class. Read below for specific scenarios.

**What do I do if...**

**I am late for class:** Please come at any time! It is better to come for any part of class than not at all. If persistent lateness becomes an issue we will talk about it.

**I need to leave early:** Please let me know during class or by email.

**I will be absent:** Please let me know beforehand or afterward, as soon as you are able. Go to the notes website at [www.caraleemath.com/math-60](http://www.caraleemath.com/math-60) and view any resources from that day after they are posted (usually by the end of the class day). Complete the notes and activities and show them to me to make up the points.

**I will be absent and an assignment is due:** Please get the assignment to me by the end of the day. Scan or take photos and email them to me. It can also be dropped off in my office in SCOM 214. If you are not able to complete it on time, please email me by the end of the day.

**I missed Webwork deadlines:** There are 84 extra problems in the chapter reviews to make up lost points. If you have missed a significant number of problems please email me.

**I miss a quiz or test:** Please let me know in advance, or as soon as possible in an emergency. Do not wait until the next class because I want to give the quiz or test back. Make an appointment with the testing center, and let me know when your appointment is. Please let the testing center know if you need to cancel or reschedule an appointment with them.

**Testing Center Info:** Student Commons 118, [testing.se@pcc.edu](mailto:testing.se@pcc.edu), 971-722-6277 or 6253  
You will need to bring a photo ID. <https://www.pcc.edu/resources/testing/locations.html>

**Class is cancelled due to weather, instructor illness or other circumstances:** Please check your email as soon as you are able. We will not get to make up class time, so I will send resources and instructions for you to complete the homework and stay on schedule. Please email me with any questions.

**I feel lost, behind or frustrated with the class:** Please talk to me or email me. I have been there, too, and I am here to help you. It's better to get help as soon as possible. Don't spin your wheels. Sometimes people think they don't belong in college, but that's not true. Getting stuck and working through it is part of college. It just takes college experience to know that. You can also talk with classmates and use other campus resources. Use the tutoring center and free online tutoring at <http://www.pcc.edu/resources/tutoring/etutor>.

*If there is no struggle,  
there is no progress.  
~Frederick Douglass*

**Electronic Devices.** You are encouraged to have a device with internet access for class activities, but it is not required. Use it only for class activities, please. I will ask you to put it away if it is distracting you from classwork.

**Food and Drink.** You may have beverages and cold snacks. Make sure you leave the classroom neat for the next class. Please do not bring hot food or other items that may disturb or distract others.

## Graded Course Components

The suggested study guideline is 2 hours of studying for each hour in class (10 hours/week for our class). This varies by student, so you may need more or less time.

**Webwork Online Homework:** Online homework assignments are due as shown on the course calendar and inside our course Webwork shell. Do your best to complete the homework problems for each section covered in class before the next time class meets. The next day's material will build upon the last. Write your steps down in your notebook or print a copy of the homework problems and write your work on that paper. Then you can study your work for the quizzes and tests.

If you get stuck or have a question, use the email instructor button at the bottom of the problem. That will allow me to see what you see and what you have tried. I will email you back. In the tutoring center you can ask a tutor to go to the computer with you for help.

## 1 1-Arithmetic with Negative Numbers

Previous Problem Problem List Next Problem

(1 point) BasicAlgebra/SignedNumbersArithmetic/AddSubtractNegativeNumbers10.4  
Perform the given addition and subtraction:

a.  $-18 - 9 + (-1) =$

b.  $2 - (-15) + (-20) =$

[Solution:](#)

Note: You can earn partial credit on this problem.

Edit2 Edit3

Show:  CorrectAnswers

Preview My Answers Check Answers Submit Answers Show me another

You have attempted this problem 0 times.  
You have unlimited attempts remaining.

Show Past Answers

Email Instructor



**Written Assignments:** There will be four assignments turned in on paper. These are due at the beginning of class on the days shown on the course calendar. These problem sets are your chance to show your best work and formatting. Some will be team assignments and some will be individual. For team assignments, you will work together and turn in one copy. For individual assignments, you are encouraged to work with your classmates but each person needs to write up their work in their own way. No two problems should look identical.

**Quizzes:** Short quizzes will be given as indicated on the course calendar. Complete your online homework first and then study for the quiz. Memorize any formulas and make sure you can do each type of problem without notes or a calculator (if indicated in class). The quizzes will help you to stay up to speed and prepare for the tests in smaller chunks.

**Success Assignments:** There are four assignments that focus on your success to be completed during the term, as indicated on the course calendar.

**Class Activity Points:** Attending class and engaging in class activities is vital to your success. There are 3 points for the activities in class each day. If you miss part of class, then points will be pro-rated. You can make up the points by completing the notes and activities. If chronic lateness or non-participation becomes a problem, then we will discuss the points.

**Tests:** There will be two midterm tests and one final comprehensive exam as indicated on the course calendar. Part of each test will be taken without a calculator so be sure to practice do your online homework without a calculator. You will need a calculator that is not a phone for each test. Tests will begin promptly at the beginning of the class period.

**Extra Credit Policy:** A few bonus problems may be given during the term, about 10 points or 2% of the course points. Extra credit is not a substitute for regular course work.

*Believe in yourself and all that you are. Know that there is something inside you that is greater than any obstacle.*

*~Christian D. Larson*

## Important College Policies and Information

**Title IX/Non-Discrimination:** Portland Community College is committed to creating and fostering a learning and working environment based on open communication and mutual respect. If you believe you have encountered sexual harassment, sexual misconduct, sexual assault, or discrimination based on race, color, religion, age, national origin, veteran status, sex, sexual orientation, gender identity, or disability please contact the Office of Equity and Inclusion at (971) 722 - 5840 or [equity.inclusion@pcc.edu](mailto:equity.inclusion@pcc.edu). You can read more and find a confidential reporting form at <http://www.pcc.edu/about/equity-inclusion/>.

You are also welcome to talk to me, just know that all instructors are mandatory reporters for Title IX and child abuse issues to the college. You may speak with designated confidential people such as counselors in SCOM and staff in the Women's Resource Center and the Queer Resource Center. I would be happy to walk with you to the place of your choice.

**Sanctuary College:** PCC promotes the success, dignity, and worth of every individual by providing a safe environment where the examination of divergent ideas, experiences and systems of inequality adds depth to the learning experience. PCC strives to provide opportunity to all students and the appropriate level of support services to ensure the highest level of success. For more information and resources, see <https://www.pcc.edu/resources/undocumented-students/>.

**FERPA (Family Education Rights and Privacy Act):** You have the right to privacy of your personal information and educational records. I can only send email to your secure MyPCC email account so that I am communicating with you confidentially. Parents, spouses and others will not be given information about you without a signed form.

**Accessibility:** PCC is committed to ensuring that classes are accessible. Disability Services works with students to minimize barriers. If you are working with Disability Services I will be happy to work with you, just let me know. If you may need an accommodation you can start the process at [www.pcc.edu/resources/disability](http://www.pcc.edu/resources/disability).

**Inclement weather or emergencies:** Campus closures will be announced on [www.pcc.edu](http://www.pcc.edu), and the college switchboard, 971-722-6111. You can sign up for text alerts at <https://www.flashalert.net/id/PCC>

**Registration and Dropping:** Students may attend this course only if registered. Students who are unable to attend must drop the course online or through the Registration Office. To have tuition charges removed, the course must be dropped by the student before the drop deadline posted on MyPCC and in the class schedule. Students who stop attending without dropping will receive a grade of F due to college policy.

**Drop and Withdrawal Deadlines:** [www.pcc.edu/registration/dropping](http://www.pcc.edu/registration/dropping)

**Pass/No Pass Grades:** Choose a grading option of letter grade (A-F), or Pass/No Pass (P/NP) via the computer registration system by the deadline posted by the college. Talk with your advisor as some degree/certification programs may not accept Pass/No pass grades.

**Incompletes:** Incompletes are rarely given, and allowed only if at least 75% of the work is already completed, with a current grade of "C" or above. A contract for completion must be signed by the student and instructor to receive an incomplete.

**Audits:** Students must obtain instructor permission to audit a course by the deadline posted by the college.

**Academic Integrity:** Being a successful student and living successfully requires you to develop a strong sense of personal and professional integrity. Completing your own academic work is a requirement of PCC. Students that engage in any form of academic dishonesty may receive a zero for that test or assignment. Further academic dishonesty may result in an F for the class and charges for violation of the Student Conduct Code.

PCC Grading Guidelines:

<http://www.pcc.edu/resources/academic/standardspractices/AcademicStandardsandPractices-GradingGuidelines.html>)

Student Rights and Responsibilities Handbook:

<https://www.pcc.edu/about/policy/student-rights/>

## **Southeast Campus Resources**

<https://www.pcc.edu/resources/#student>

### Library

- Checkout books, calculators, laptops, 1<sup>st</sup> floor desk
- Tutoring Center and Computer Lab, 1<sup>st</sup> Floor
- Reading and Writing Center, LIBR 218

### Tabor Hall

- Student Resource Information: ASPCC Hub
- Panther Food Pantry and Emergency Bus Tickets: Tabor 105
- Career Exploration Center: Tabor 147
- Women's Resource Center and Lifetracks Program: Tabor 148
- Queer Resource Center: Tabor 149
- Multicultural Center: Tabor 150
- Bike Rentals, Childcare Grants, Clubs, ASPCC: Tabor 152

### Student Commons Building (SCOM)

- Veteran's Resource Center: SCOM 110
- Disability Services: SCOM 112
- Counseling, up to 8 free sessions: SCOM Info Desk or 971-722-6240

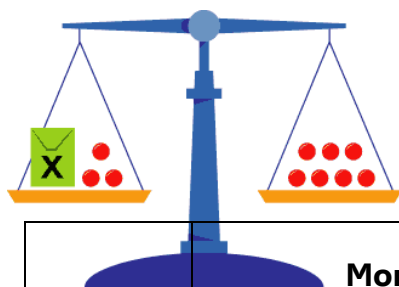
### PCC Links

- Free Online Tutoring: [www.pcc.edu/resources/tutoring/etutor/](http://www.pcc.edu/resources/tutoring/etutor/)
- Emergency Grants: <https://www.pcc.edu/enroll/paying-for-college/emergency-funds.html>
- Childcare Center: <https://www.pcc.edu/resources/child-care/>

## **Community Resources**

- Call to Safety, 503-235-5333, <https://calltosafety.org/resources/>,
- <https://www.auntbertha.com/>, <https://211.org>
- Columbia County Mental Health Line, 503-397-6161
- Washington County Crisis Line, 503-291-9111
- Yamhill County Crisis Line, 503-434-7523
- Clackamas County 24-hour Crisis Line, 503-654-2288





# Math 60 Calendar

	<b>Monday</b>	<i>Due Tues by 11:59 pm</i>	<b>Wednesday</b>	<i>Due Sun by 11:59 pm</i>
Jan 8, 10 Week 1	Course Introduction 1.1, 1.3 <i>Info Sheet and Assignment 1 (Team) handed out</i>		<b>Info Sheet due Quiz 1</b> 1.2, 1.4 <i>Scavenger Hunt and Math Identity Paper handed out</i>	<i>Webwork Orientation</i>
Jan 15, 17 Week 2	Dr. Martin Luther King Jr. Holiday - College Closed	<i>1.1, 1.3</i>	<b>Assignment 1 due</b> 1.5, 1.6, 1.7	<i>1.2, 1.4</i>
Jan 22, 24 Week 3	<b>Math Identity Paper Due</b> 2.1, 2.2	<i>1.5, 1.6, 1.7 Chapter 1 Review*</i>	<b>Quiz 2</b> 2.3, 2.4 <i>Assignment 2 (Individual) handed out</i>	<i>2.1, 2.2</i>
Jan 29, 31 Week 4	2.5, 2.6 <i>Review 1 handed out</i>	<i>2.3, 2.4</i>	<b>Assignment 2 due</b> 2.7, 2.8	<i>2.5, 2.6 Chapter 2 Review*</i>
Feb 5, 7 Week 5	<b>Scavenger Hunt due 1<sup>st</sup> Midterm</b> (Chap 1-2.6)		3.1, 3.2 <i>Midterm Self-Assessment handed out</i>	<i>2.7, 2.8 Chapter 2 Review*</i>
Feb 12, 14 Week 6	<b>Midterm Self-Assessment due</b> 3.3, 3.4	<i>3.1, 3.2</i>	<b>Quiz 3</b> 3.4, 3.5 <i>Review 2 handed out</i>	<i>3.3</i>
Feb 19, 21 Week 7	4.1, 4.2 <i>Assignment 3 handed out</i>	<i>3.4, 3.5 Chapter 3 Review*</i>	<b>2<sup>nd</sup> Midterm</b> (Chap 2.7-3.5)	
Feb 26, 28 Week 8	4.3, 4.4	<i>4.1, 4.2</i>	<b>Assignment 3 due</b> 4.4, 4.5	<i>4.3</i>
Mar 5, 7 Week 9	4.6, 4.7	<i>4.4, 4.5</i>	<b>Quiz 4</b> 4.7, 4.8 <i>Assignment 4 handed out</i>	<i>4.6</i>
Mar 12, 14 Week 10	4.9, 4.10 <i>Final Review handed out</i>	<i>4.7, 4.8</i>	<b>Assignment 4 due</b> Catch up and Review for Final	<i>4.9, 4.10 Chapter 4 Review*</i>
Mar 19, 21 Finals Week	<b>Final Test</b> (Cumulative)		No Class Have a great break! 😊	

*\* Webwork Chapter Reviews are optional and can be used to make up points lost in other assignments. They will stay open until the final test.*

**Tentative Calendar:** The schedule or assignments may change during the term due to the class circumstances, weather or institutional closures. Any changes will be announced during class and online. Be sure to contact a class member and/or the instructor if you are absent.